BAHAGIAN PEPERIKSAAN DAN PENILAIAN
JABATAN PENDIDIKAN POLITEKNIK DAN KOLEJ KOMUNITI
KEMENTERIAN PENGAJIAN TINGGI

JABATAN PERDAGANGAN

PENILAIAN ALTERNATIF

SESI DIS 2020

DPN6033 : REINSURANCE

NAMA PENYELARAS KURSUS : INTAN SYAFIQAH MOHD SHAH

KAEDAH PENILAIAN : **PEPERIKSAAN ONLINE**

JENIS PENILAIAN : **ESEI (2 SOALAN)**

TARIKH PENILAIAN : **30 JUN 2021**

TEMPOH PENILAIAN : **1 JAM**

50 MARKS
50 MARKAH

INSTRUCTION:
This section consists of **TWO (2)** essay questions. Answer **ALL** questions.

ARAHAN :
*Bahagian ini mengandungi **DUA (2)** soalan esei. Jawab **SEMUA** soalan.*

QUESTION 1
SOALAN 1

CLO1
C2

a) Allianz is a general insurance provider that specializes in engineering risk. It has a 60% quota share treaty with a maximum limit of RM 300,000, 5 lines first surplus treaty, 10 lines second surplus treaty and 20 lines third surplus treaty. Moreover, it protects its retention with per risk excess of loss treaty RM 250,000 xs RM 50,000. Any excess of capacity is covered by obligatory facultative with a limit of RM 3,000,000. Following is the engineering insurance portfolio:

Allianz ialah syarikat insurans am yang pakar dalam risiko kejuruteraan. Ia mempunyai 60% treati "quota share" dengan had maximum RM 300,000, treati lebihan dengan 5 baris treati lebihan pertama, 10 baris treati lebihan kedua, dan 20 baris treati lebihan ketiga. Ia juga melindungi tanggungannya dengan "per risk excess of loss" berjumlah RM 250,000 xs RM 50,000. Sebarang lebihan kapasiti akan dilindungi oleh "facultative obligatory" dengan had RM 3,000,000. Berikut merupakan portfolio kejuruteraan mereka:

Risks/*Risiko*	Sum Insured/*Jumlah Dinsuranskan*
Apartment/*Pangsapuri*	RM 300,000
LRT3/*LRT3*	RM 1,500,000
Tunnel/*Terowong*	RM 3,000,000
Dam/*Empangan*	RM 6,000,000
TRX Tower/*Menara TRX*	RM 13,000,000

CLO1
C4

i. Determine the distribution of risk.

Tentukan pengagihan risiko.

[8 marks]
[*8 markah*]

CLO1
C4

ii. If risk TRX Tower suffered a loss of RM 8,000,000 due to lightning, calculate the share of loss among cedent and reinsurer.

Jika Menara TRX mengalami kerugian RM 8,000,000 disebabkan petir, kira perkongsian kerugian diantara cedent dan penginsurans semula.

[7 marks]
[*7 markah*]

CLO1
C3

b) Zurich Insurance has a property excess of loss RM 500,000 xs RM 100,000. The event limit is seven times the treaty's coverage in a single event. A massive flood in the Sungai Besi KL recently had destroyed four structures. Following are the amount of claims:

Zurich Insurance mempunyai "excess of loss" harta benda dengan RM 500,000 xs RM 100,000. Had kejadian ialah tujuh kali perlindungan triti dalam satu kejadian. Banjir besar di Sungai Besi KL baru-baru ini telah memusnahkan empat struktur. Berikut merupakan jumlah tuntutan:

Structures/*Struktur*	Claim amount/*Jumlah tuntutan*
Tunnel/*Terowong*	RM 350,000
Toll Plaza/*Plaza Tol*	RM 680,000
Highway/*Lebuhraya*	RM 1,500,000
Bridge/*Jambatan*	RM 930,000

Calculate reinsurance recovery and Zurich share of loss.

Kirakan tuntutan insurans semula dan perkongsian kerugian oleh Zurich.

[7 marks]
[*7 markah*]

CLO1
C3

c) Etiqa Insurance Berhad has the following excess of loss ratio treaty "to pay amount of loss in excess of 70% loss ratio up to 120% loss ratio". At the end of the year the underwriting result is as follows:

Earned Premium: RM 100,000,000

Incurred loss   : RM 80,000,000

Etiqa Insurance Berhad mempunyai "excess of loss ratio" berikut "treaty to pay amount of loss in excess of 70% loss ratio up to 120% loss ratio". Pada akhir tahun, keputusan pengunderaitan adalah seperti berikut:

Pendapatan Premium: RM 100,000,000

Kerugian yang dialami: RM 80,000,000

Calculate the loss ratio and the amount of claim recovered.

Kirakan nisbah kerugian dan jumlah tuntutan yang boleh dituntut.

[3 marks]
[*3 markah*]

QUESTION 2
SOALAN 2

CLO2
C4

a) Progressive Insurance Berhad intends to purchase multiple layers excess of loss with retention of RM 850,000. The preferred limit for each layer is as follows:

Progressive Insurance Berhad ingin membeli "excess of loss" berlapis dengan tanggungan RM 850,000. Had pilihan untuk setiap lapis adalah seperti berikut:

1st layer limit/*Had lapisan pertama*   : RM 3,000,000

2nd layer limit/*Had lapisan kedua*   : RM 4,500,000

3rd layer limit/*Had lapisan ketiga*   : RM 12,000,000

Illustrate the excess of loss layers.

Lukiskan lapisan "excess of loss".

[3 marks]
[*3 markah*]

CLO2
C4

b) Distinguish "insurance" and "reinsurance".

Bezakan ciri-ciri insurans dan insurans semula.

[8 marks]
[*8 markah*]

CLO2
C2

c) Interpret **SIX (6)** laws related to reinsurance contract.

*Tafsirkan **ENAM (6)** undang-undang yang berkaitan dengan kontrak insurans semula.*

[12 marks]
[*12 markah*]

CLO2
C2

d) Interpret the concept of "doctorine of privity" in reinsurance contract.

Tafsirkan konsep "doctorine of privity" dalam kontrak insurans semula.

[2 marks]
[*2 markah*]

SOALAN TAMAT